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		The main building of Lolotovka (bl. 07°E, meters from the wes above son level. To the power plant wout have slope measure the power plant might	storn bank of the he river is hemmed ald probably be define 2.000v500 mos	an BSR, was local Miram liver about d in by steep, r ifficult to spot	nted about 100 out 1,000 meters gooded slopes so	that m	
	- 2.	The water chamber of the power plant. The Three supply pipes ness of 25 nm led f consisted of welded neasuring 8v3, mete	with an inner dis	meter of 1.2 me mber to the pow	vois terminated eters and a wall er plant. The bi	there. thick— pes	
		The main building oneasuring about 60x concrete plans.	f the names of the				÷
5X1	<u>l</u> j.,	bolicing. The second total of he British and a trunsmitter we current regulators recems separated from tritching installati	switchhoards. Te pre on the third were located on the	chnical offices	, the telephone of the comprised	n exchange several	25X
		initeding installatined to the open-sir h	ons was leasted	oper coorsy tile	easle room with or. From there c	Bolgian ables	
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		This document is hereby r	egraded to	No Change To Glas	17-1-		
	. 1	letter of 16 October 1978 Director of Central Intellige	from the	D da kiyed	(1417		
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,		— JOHN IDLIVIAL	
		GENERAL INTELLIGENCE AGENCY	25X 25X
25X1 25X1 25X1	5.	The main (walding boused three turbines. the three turbines, which took up a third of the basement, were they must criginally have come from Germany since the German eagle and the swestiks were visible under the new coar of paint. According to the large traveling crame and	25X
		the insulators of the open-air installation had came from Parony. The switchboards and cables were of Fratain origin, wene of the insulators and switching installations had been delivered. Theorem and switching installations had been delivered. Theorem in the said milling pachines were of also as could be escertained from firm plates.	25X 25X
25X1	6.	three turbines had a normal output of shightly more than 30,000 km. The of the three turbines was to be kept in reserve. The first turbine started operating on 31 December 1947, the second was tested in the spring of 1943, the third had not been used by June 1948	25X
25X1			20,
25X1	7.	that they had a capacity of 30,000 ks each. The first turbine was in use on 1 key 1916, the second on31 December 1946 and the third on 1 key 1919. Smally only two turbines were in operation since there was not enough veter for all three turbines.	
25X1	ξ. 	The perpositioner short the about 6 meters long, it had a diameter of 60 cm at the point were the blades were attached, of 70 cm in the middle, and of 50 cm at the upper end. The oval blades were 30x60 cm large. The blades are driven by three pipes each of which served three blades. The water pressure was increased by the installation of a nearle at the mouth of the pipes. The generator was nounted at the upper end of the turbine shaft. From there the current was sount to the cable room on the fifth floor through a cable duet which in the middle of the room met the cable duets of the other two generators.	
	9.	The towers of the high-tension line to Tiflis were about 15 meters high and about 500 meters apart. The line consisted of three cables about the thickness of a finger. (3)	
	10.	In a dition to 25 specialists from Lemingrad about 50 Soviet workers including a few women were employed in the main building of the lower plant, unother 100 laterers worked in the workshops. The Mag were gradually replaced by Loviets.	
25X1	11.	After the third turbine had started operating on 1 Tay 1707 the power plant was fully serviceable. It was to supply fiftis. Except for an administration building and another building presumably a lockswith shop, for which the foundations were being laid, construction work at the power flant was complete.	25
25X1 .	12,	the power plant started exerction of I dune 1949 and that it delivered current to Tiffis.	25)
		GALLEY STATES	25)
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			25X1
		CINTED AT THE TYPE TO THE	25X1
	1.3	The reservoir and the water chamber are connected by a tunnel which had to be blasted through the rocks. The turnel has are oval cross section, the roof having a flatter arching than the lottom. Tall P's could just reach the roof with their finger tips. (5)	
25X1	(1)	plant, annex 2 contains a sketch map of the power plant and	
25X1	(2)	See Annexes 3 and 4 for detailed sketches of the Anin Building	25X1
25X1	(3)	See Annex 5 for a layout sketch of the your plant and a life as	25X1
	(4) (5)	See Manex 6 for sketch of the reservoir provided by	25X1 25X1
		6 Annexes: 6 - blueprints.	

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